

010590

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/883,848A

DATE: 03/19/2002 P.5

TIME: 15:13:31

Input Set : A:\CIBT-P01-119 Sequence Listing.txt

Output Set: N:\CRF3\03192002\I883848A.raw

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3 <110> APPLICANT: Ling, L.
4     Sanicola-Nadel, M.
6 <120> TITLE OF INVENTION: ANGIOGENESIS-MODULATING COMPOSITIONS AND USES
8 <130> FILE REFERENCE: CIBT-P01-119
10 <140> CURRENT APPLICATION NUMBER: 09/883,848A
11 <141> CURRENT FILING DATE: 2001-06-18
13 <150> PRIOR APPLICATION NUMBER: 60/211,919
14 <151> PRIOR FILING DATE: 2000-06-16
16 <160> NUMBER OF SEQ ID NOS: 48
18 <170> SOFTWARE: PatentIn Ver. 2.1
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 1277
22 <212> TYPE: DNA
23 <213> ORGANISM: Gallus gallus
25 <400> SEQUENCE: 1
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33 tcgctgcact acgagggctg cgccgtggac atcaccacgt cggatcgga cgcagcaag 480
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37 ctgagccctg gggaccgcgt gctggctgct gacgcggacg gccggctgct ctacagtga 720
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40 cacaaccagt cggaggccac agggccacc agtggccagg cgctcttcgc cagcaacgtg 900
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42 gtccacagcg tctcattgcg ggaggaggcg tccggagcct acgccccact caccgcccag 1020
43 ggcaccatcc tcatcaaccg ggtgttgccc tcctgctacg ccgtcatcga ggagcacagt 1080
44 tgggcccatt gggccttcgc accattccgc ttggctcagg ggctgctggc cgccctctgc 1140
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58 gtgcctctgc tatacaagca gtttgtgccc agtatgcccg agcggaccct gggcgcgagt 180
59 gggccagcgg aggggaggggt aacaaggggg tcggagcgct tccgggacct cgtacccaac 240
60 tacaaccccg acataatctt caaggatgag gagaacagcg gcgcagaccg cctgatgaca 300
61 gagcgttgca aagagcgggt gaacgctcta gccatcgcg tgatgaacat gtggcccgga 360
62 gtacgcctac gtgtgactga aggctgggac gaggacggcc accacgcaca ggattcactc 420
63 cactacgaag gccgtgcctt ggacatcacc acgtctgacc gtgaccgtaa taagtatggt 480
64 ttgttgggcg gcctagctgt ggaagccgga ttcgactggg tctactacga gtcccgcac 540
65 cacatccacg tatcggtcaa agctgataac tcaactggcg tccgagccgg aggctgcttt 600
66 ccgggaaatg ccacggtgcg cttgcggagc ggcgaaacgga aggggctgag ggaactacat 660
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68 ctcttccctg accgggatct gcagcgccgc gcctcgctcg tggctgtgga gaccgagcgg 780
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71 ctggctcccg gcggggacgc gctccagccg gcgcgcgtag cccgcgtggc gcgcgaggaa 960
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81 <213> ORGANISM: Mus musculus
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89 cgcctcatga cccagcgctg caaggaccgt ctgaactcac tggccatctc tgtcatgaac 360
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91 gaggagtctt tacactatga gggccgcgcg gtggatatca ccacctcaga ccgtgaccga 480
92 aataagtatg gactgctggc gcgcttagca gtggaggccg gcttcgactg ggtgtattac 540
93 gagtccaagg cccacgtgca ttgctctgtc aagtctgagc attcggccgc tgccaagaca 600
94 ggtggctgct ttctgcccgg agcccagggt cgccatagaga acggggagcg tgtggccctg 660
95 tcagctgtaa agccaggaga ccgggtgctg gccatggggg aggatgggac cccaccttc 720
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101 gaggatgtgg tggcctcctg ctttgcagct gtggtgacc accatctggc tcagttggcc 1080
102 ttctggcccc tgcgactgtt tcccagtttg gcatggggca gctggacccc aagtgagggt 1140
103 gttcactcct accctcagat gctctaccgc ctggggcgct tcttgctaga agagagcacc 1200
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105 ggaactgctg tgcgtggatc c
108 <210> SEQ ID NO: 4
109 <211> LENGTH: 1313
110 <212> TYPE: DNA

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111 <213> ORGANISM: Mus musculus

113 <400> SEQUENCE: 4

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116 acccctttag cctacaagca gtttattccc aacgtagccg agaagaccct agggggccagc 180
117 ggcagatatg aagggaagat cacaagaaac tccgaacgat ttaaggaaact ccccccaat 240
118 tacaaccccg acatcatatt taaggatgag gaaaacacgg gagcagaccg gctgatgact 300
119 cagaggtgca aagacaagtt aaatgccttg gccatctctg tgatgaacca gtggcctgga 360
120 gtgaggctgc gagtgaccga gggctgggat gaggacggcc atcattcaga ggagtctcta 420
121 cactatgagg gtcgagcagt ggacatcacc acgtccgacc gggaccgcag caagtacggc 480
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123 cacatccact gttctgtgaa agcagagaac tccgtggcgg ccaaatccgg cggctgtttc 600
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125 cccggagacc gcgtgctggc ggctgacgac cagggccggc tgctgtacag cgacttcctc 720
126 accttcctgg accgcgacga aggcgccaag aaggtcttct acgtgatcga gacgctggag 780
127 ccgcgcgagc gcctgctgct caccgcgcgc cacctgctct tcgtggcgcc gcacaacgac 840
128 tcggggccca cgcccgggcc aagcgcgctc tttgccagcc gcgtgcgccc cgggcagcgc 900
129 gtgtacgtgg tggctgaacg cggcggggac cgccggctgc tgcccgcgcg ggtgcacagc 960
130 gtgacgctgc gagaggagga ggcgggcgcg tacgcgcgcg tcacggcgca cggcaccatt 1020
131 ctcatcaacc ggggtgctgc ctcgtgctac gctgtcatcg aggagcacag ctgggcacac 1080
132 cgggccttcg cgcctttccg cctggcgcac gcgctgctgg ccgcgctggc accgcgccgc 1140
133 acggacggcg ggggcggggg cagcatccct gcagcgcaat ctgcaacgga agcgaggggc 1200
134 gcggagccga ctgcgggcat ccactggtac tcgcagctgc tctaccacat tggcacctgg 1260
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138 <210> SEQ ID NO: 5

139 <211> LENGTH: 1256

140 <212> TYPE: DNA

141 <213> ORGANISM: Brachydanio rerio

143 <400> SEQUENCE: 5

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149 agatgcaaag acaagctgaa ctcgctggcc atctctgtaa tgaaccactg gccaggggtt 360
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162 aggctctatt attacgtgtc atcattcctg tccccaaaa ctccagcagt cgggtccaatg 1140
163 cgactttaca acaggagggg gtccactggt actccaggct cctgtcatca aatgggaacg 1200

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167 <211> LENGTH: 1425
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169 <213> ORGANISM: Homo sapiens
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172 <221> NAME/KEY: modified_base
173 <222> LOCATION: (1387...1389)
174 <223> OTHER INFORMATION: n=a, c, g, or t
176 <400> SEQUENCE: 6
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178 ggactggcgt gcggaccggg caggggggttc gggaagagga ggcaccccaa aaagctgacc 120
179 ccttttagcct acaagcagtt tatccccaat gtggccgaga agaccctagg cgccagcgga 180
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182 aggtgtaagg acaagttgaa cgctttggcc atctcgggtga tgaaccagtg gccaggagtg 360
183 aaactgcggg tgaccgaggg ctgggacgaa gatggccacc actcagagga gtctctgcac 420
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187 ggctcggcca cggtgacact ggagcagggc ggcaccaagc tgggtgaagg cctgagcccc 660
188 ggggaccgcg tgctggcggc ggacgaccag ggccggctgc tctacagcga ctctctact 720
189 ttcttgacc gcgacgacgg cgccaagaag gtcttctacg tgatcgagac gcgggagccg 780
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206 <213> ORGANISM: Homo sapiens
208 <400> SEQUENCE: 7
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212 tcgtgccgct cgctacaag cagttcagcc ccaatgtgcc cgagaagacc ctgggcgcca 240
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214 attacaatcc agacatcatc ttcaaggacg aggagaacac aggcgccgac cgcctcatga 360
215 cccagcgctg caaggaccgc ctgaactcgc tggctatctc ggtgatgaac cagtggcccc 420
216 gtgtgaagct gcgggtgacc gagggctggg acgaggacgg ccaccactca gaggagtccc 480
217 tgcattatga gggccgcgcg gtggacatca ccacatcaga ccgcgaccgc aataagtatg 540
218 gactgctggc gcgcttgga gtggaggccg gctttgactg ggtgtattac gagtcaaagg 600

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219 cccacgtgca ttgctccgtc aagtccgagc actcggccgc agccaagacg ggcggctgct 660
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221 ggccgggaga ccgtgtgctg gccatggggg aggatgggag cccacacctc agcgatgtgc 780
222 tcattttcct ggaccgagag cccacaggc tgagagcctt ccaggtcacg gagactcagg 840
223 acccccccac cgcctggca ctcacacccg ctcacctgct ctttacggct gacaatcaca 900
224 cggagccggc agcccgcttc cgggccacat ttgccagcca cgtgcagcct ggccagtacg 960
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234 aggggatggt tgttgacccc tctctcctag agaccttgag gctggcacgg cgactcccaa 1560
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236 cc 1622

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240 <211> LENGTH: 1191

241 <212> TYPE: DNA

242 <213> ORGANISM: Homo sapiens

244 <400> SEQUENCE: 8

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247 gtgccgctac tctacaagca atttgtgccc ggctgcccag agcggacctt gggcgccagt 180
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252 cactacgaag gccgtgcttt ggacatcact acgtctgacc gcgaccgcaa caagtatggg 480
253 ttgctggcgc gcctcgcagt ggaagccggc ttcgactggg tctactacga gtcccgcac 540
254 cacgtccacg tgcggtcaa agctgataac tcaactggcg tccgggcggg cggtgcttt 600
255 ccgggaaatg caactgtgcg cctgtggagc ggcgagcgga aagggtgcg ggaactgcac 660
256 cgcggagact gggttttggc ggccgatgcg tcaggccggg tgggtgccac gccggtgctg 720
257 ctcttcctgg accgggactt gcagcgccgg gcttcatttg tggctgtgga gaccgagtgg 780
258 cctccacgca aactgttgct cacgccctgg cactggtgtt ttgccgctcg agggccggcg 840
259 ccgcgcccag gcgactttgc accggtgttc gcgcgcggc tacgcgctgg ggactcgggtg 900
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267 <210> SEQ ID NO: 9

268 <211> LENGTH: 1251

269 <212> TYPE: DNA

270 <213> ORGANISM: Brachydanio rerio

272 <400> SEQUENCE: 9

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Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/883,848A

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Input Set : A:\CIBT-P01-119 Sequence Listing.txt

Output Set: N:\CRF3\03192002\I883848A.raw

L:200 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:826 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:1706 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:1709 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:1712 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:1715 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:1719 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:1722 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:1728 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:1731 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:1734 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:1737 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26